

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021522\
 Data File : VD071971.D
 Acq On : 15 Feb 2022 11:02
 Operator : VA/SY
 Sample : VD0215SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 16 00:33:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

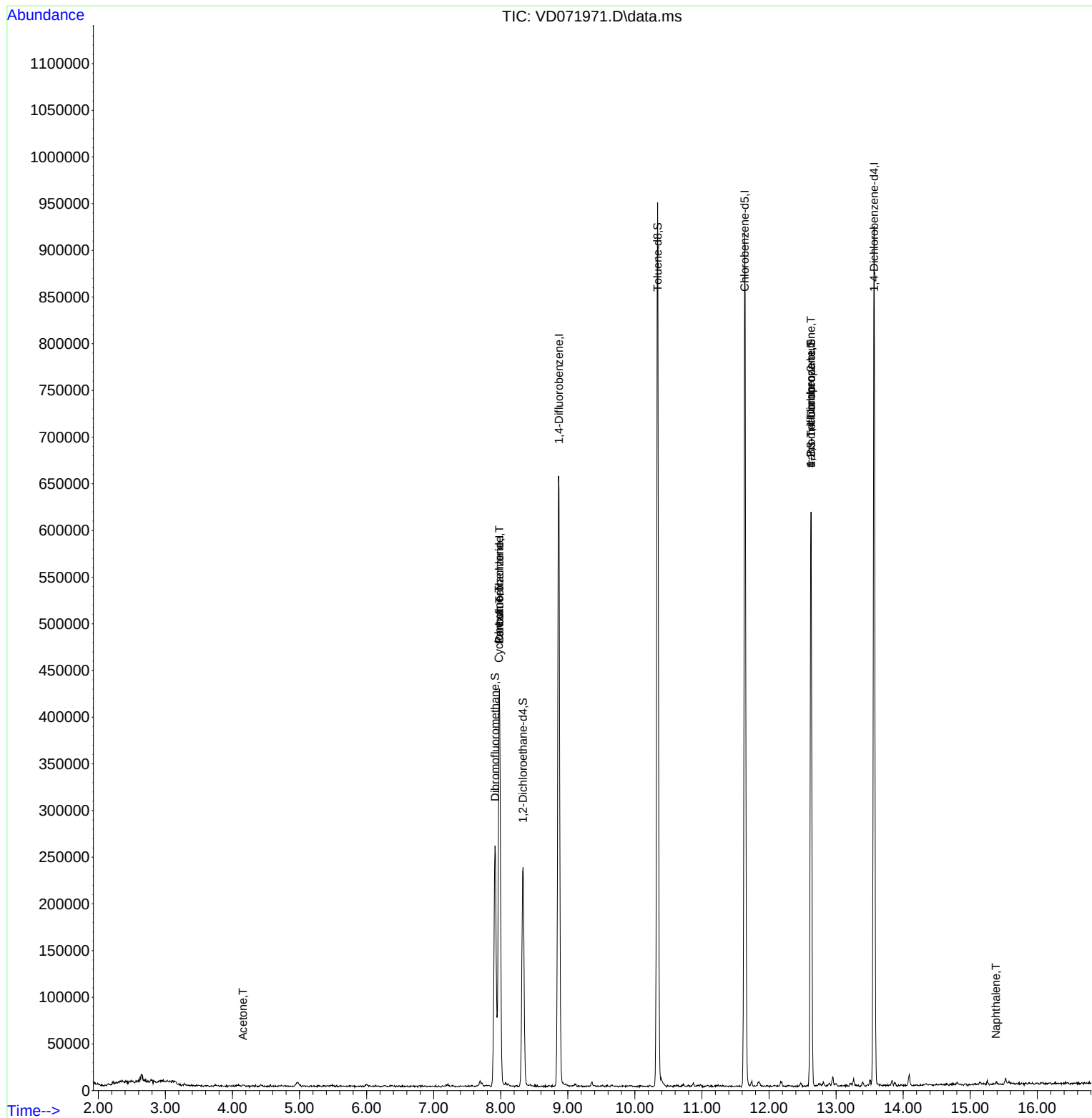
Internal Standards						
1) Pentafluorobenzene	7.979	168	289824	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	530385	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	480869	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	214516	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	194158	53.002	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.000%	
35) Dibromofluoromethane	7.914	113	181275	51.995	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.000%	
50) Toluene-d8	10.338	98	597689	45.904	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 91.800%	
62) 4-Bromofluorobenzene	12.626	95	194780	42.838	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 85.680%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.197	59	54	Below Cal	#	74
16) Acetone	4.156	43	2160	2.154	ug/l #	47
20) Methylene Chloride	4.985	84	3470	Below Cal	#	79
31) Cyclohexane	7.973	56	9053	1.294	ug/l #	1
38) Carbon Tetrachloride	7.979	117	32980	5.573	ug/l #	18
76) 1,2,3-Trichloropropane	12.626	75	107637	47.612	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	107637	117.066	ug/l #	7
95) Naphthalene	15.385	128	2573	1.789	ug/l #	84

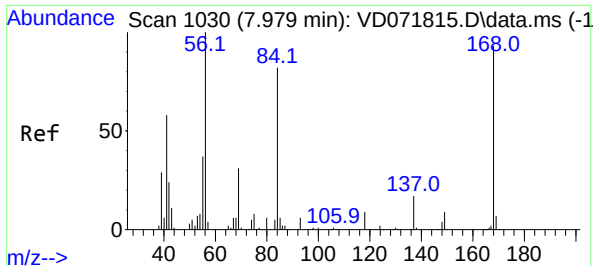
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021522\
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Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Feb 16 00:33:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 27 06:04:38 2022
Response via : Initial Calibration

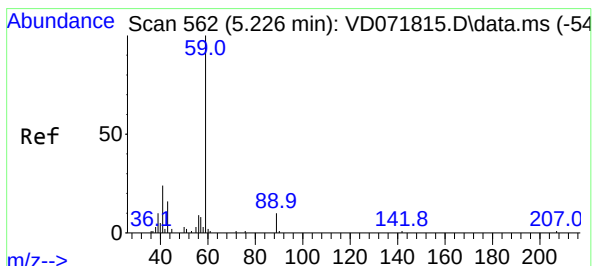
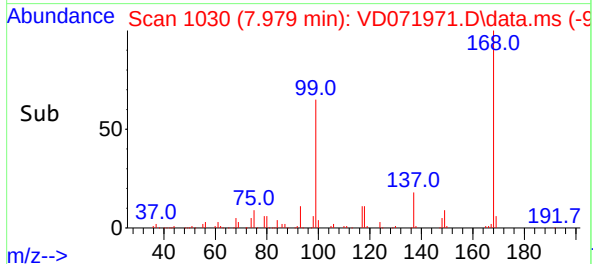
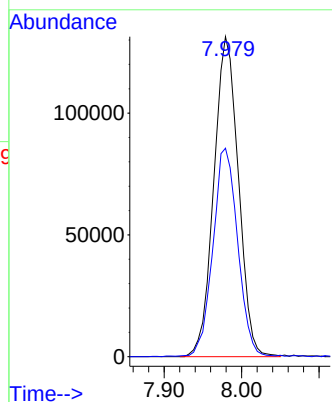
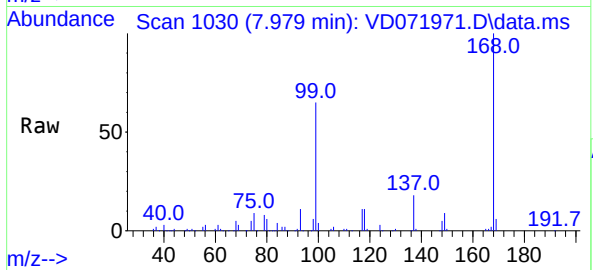




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD071971.D
Acq: 15 Feb 2022 11:02

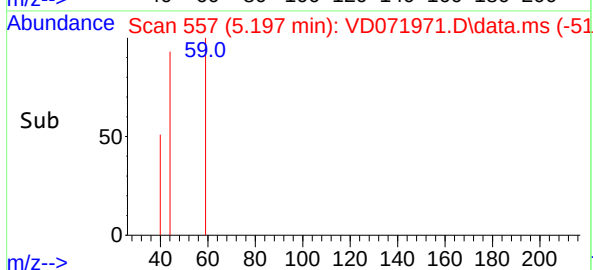
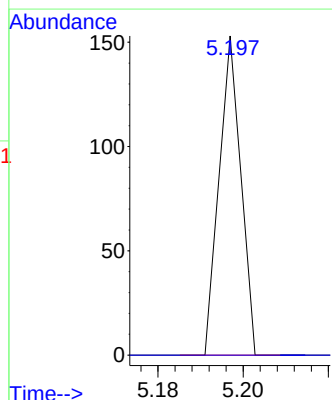
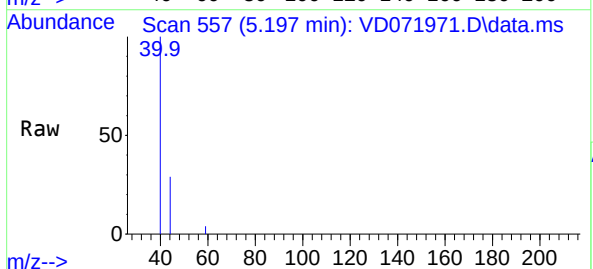
Instrument :
MSVOA_D
ClientSampleId :

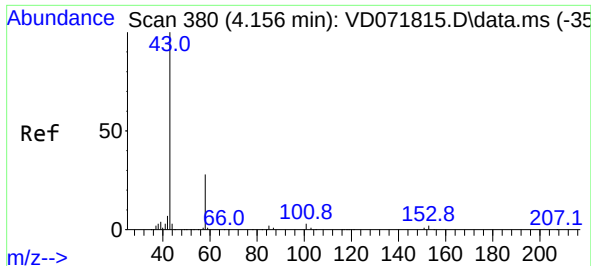
Tgt Ion:168 Resp: 289824
Ion Ratio Lower Upper
168 100
99 64.9 49.8 74.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.197 min Scan# 557
Delta R.T. -0.023 min
Lab File: VD071971.D
Acq: 15 Feb 2022 11:02

Tgt Ion: 59 Resp: 54
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

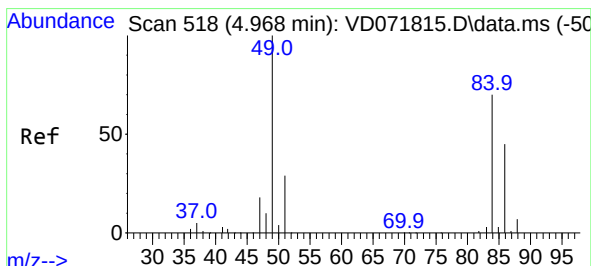
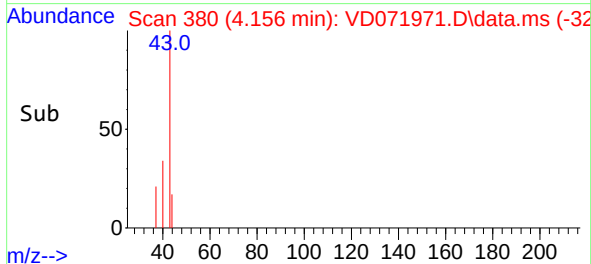
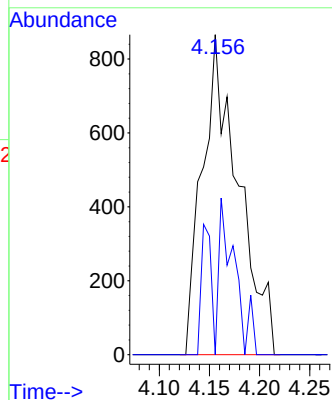
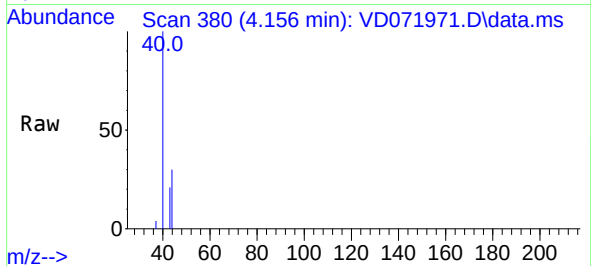




#16
Acetone
Concen: 2.154 ug/l
RT: 4.156 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD071971.D
Acq: 15 Feb 2022 11:02

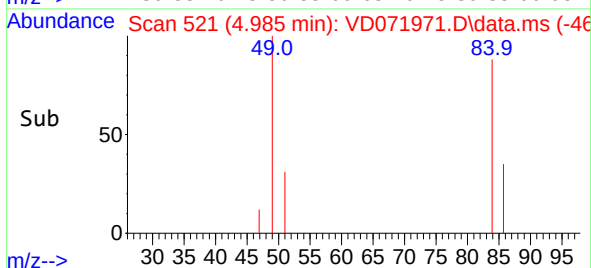
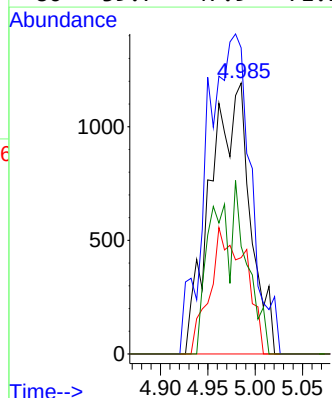
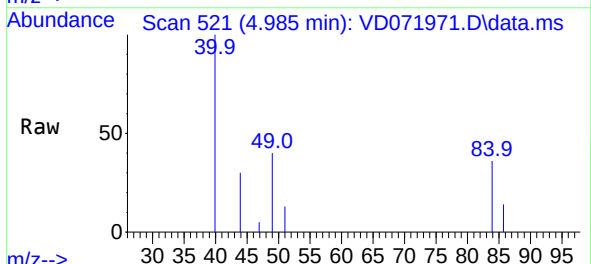
Instrument :
MSVOA_D
ClientSampleId :

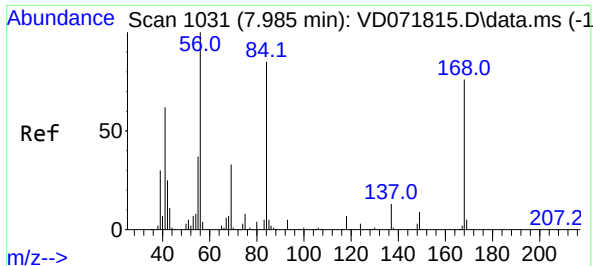
Tgt Ion: 43 Resp: 2160
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.985 min Scan# 521
Delta R.T. 0.018 min
Lab File: VD071971.D
Acq: 15 Feb 2022 11:02

Tgt Ion: 84 Resp: 3470
Ion Ratio Lower Upper
84 100
49 113.0 112.8 169.2
51 35.6 32.6 48.8
86 39.7 47.9 71.9#





#31

Cyclohexane

Concen: 1.294 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.012 min

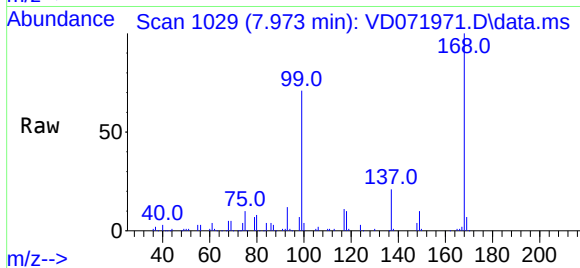
Lab File: VD071971.D

Acq: 15 Feb 2022 11:02

Instrument :

MSVOA_D

ClientSampleId :



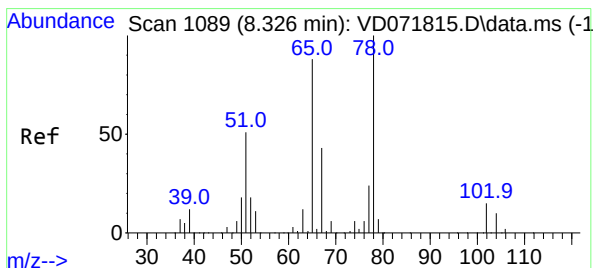
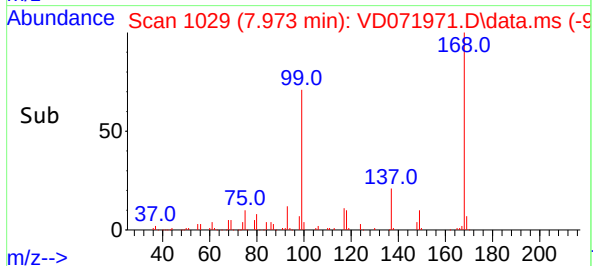
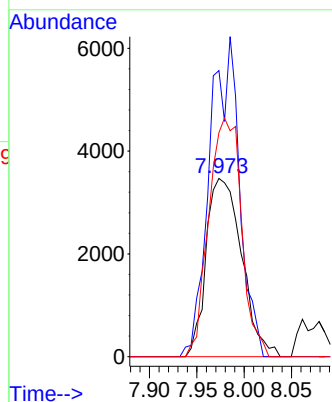
Tgt Ion: 56 Resp: 9053

Ion Ratio Lower Upper

56 100

69 160.4 25.4 38.2#

84 125.6 63.0 94.4#



#33

1,2-Dichloroethane-d4

Concen: 53.002 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD071971.D

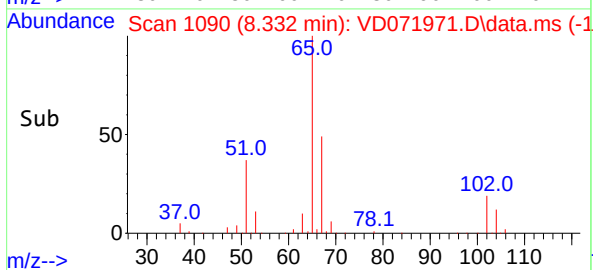
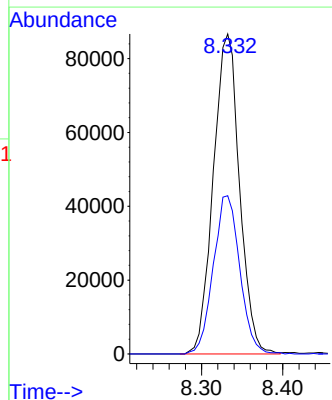
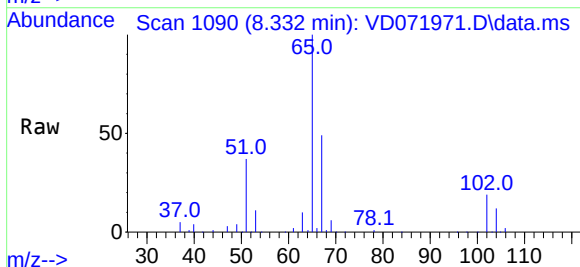
Acq: 15 Feb 2022 11:02

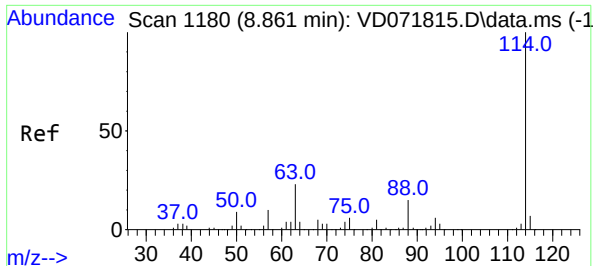
Tgt Ion: 65 Resp: 194158

Ion Ratio Lower Upper

65 100

67 50.0 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.867 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD071971.D

Acq: 15 Feb 2022 11:02

Instrument :

MSVOA_D

ClientSampleId :

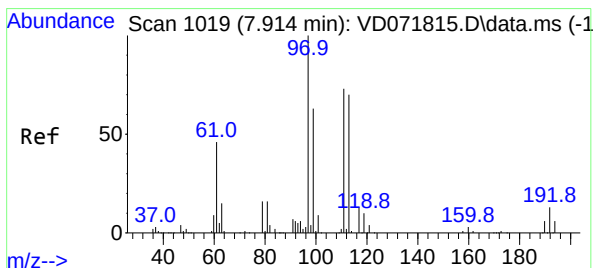
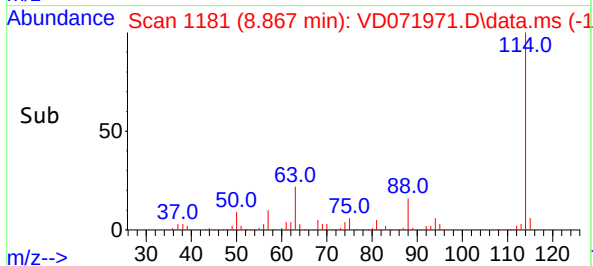
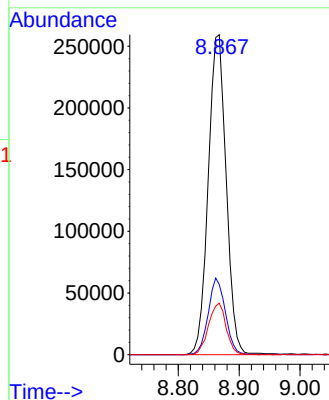
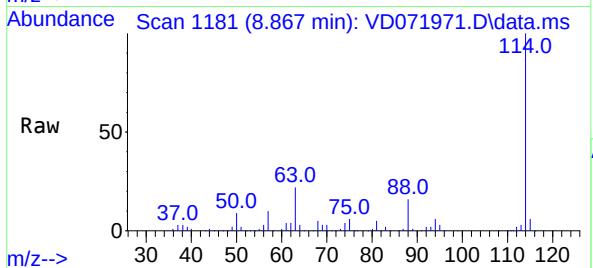
Tgt Ion:114 Resp: 530385

Ion Ratio Lower Upper

114 100

63 21.9 0.0 46.6

88 16.1 0.0 33.2



#35

Dibromofluoromethane

Concen: 51.995 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071971.D

Acq: 15 Feb 2022 11:02

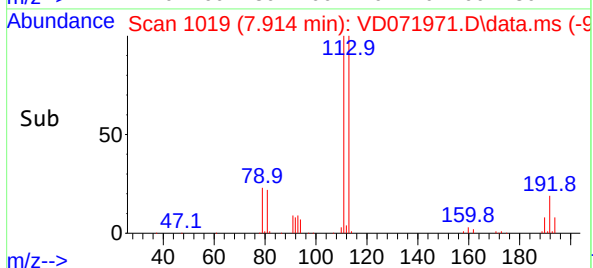
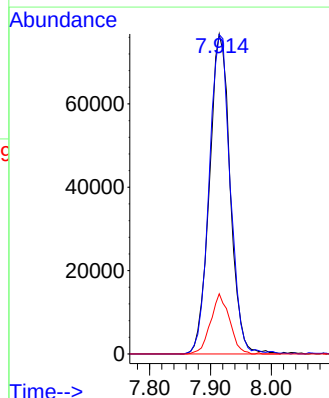
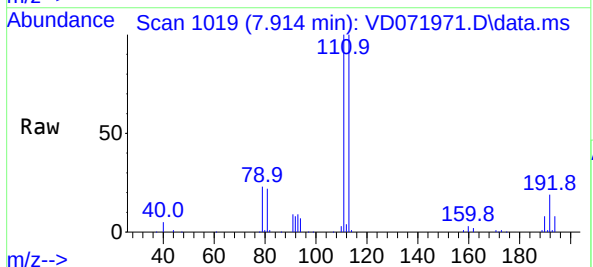
Tgt Ion:113 Resp: 181275

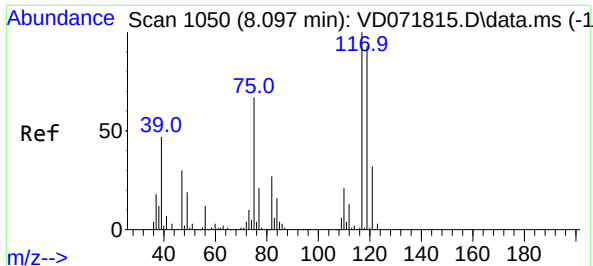
Ion Ratio Lower Upper

113 100

111 101.1 83.8 125.6

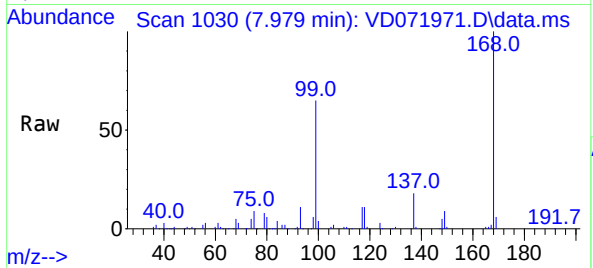
192 17.2 14.6 21.8



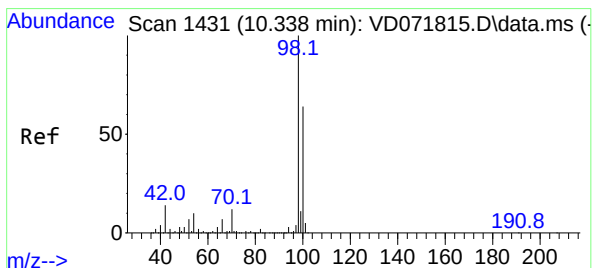
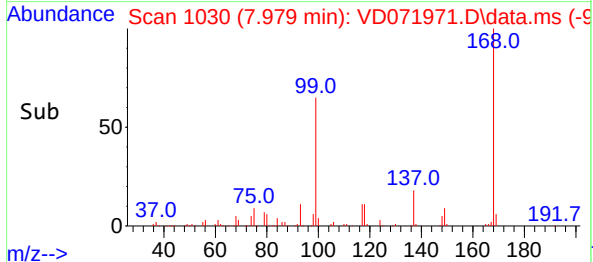
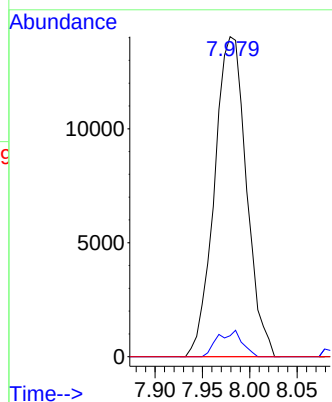


#38
Carbon Tetrachloride
Concen: 5.573 ug/l
RT: 7.979 min Scan# 1050
Delta R.T. -0.118 min
Lab File: VD071971.D
Acq: 15 Feb 2022 11:02

Instrument :
MSVOA_D
ClientSampleId :

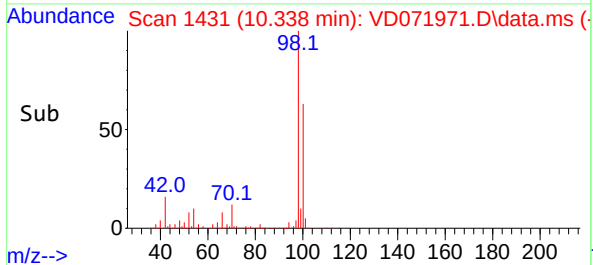
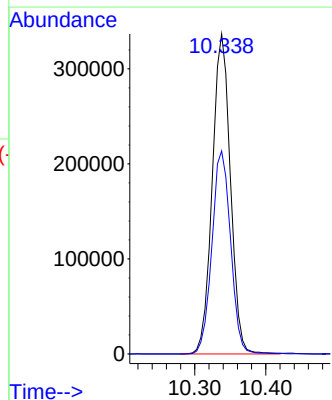
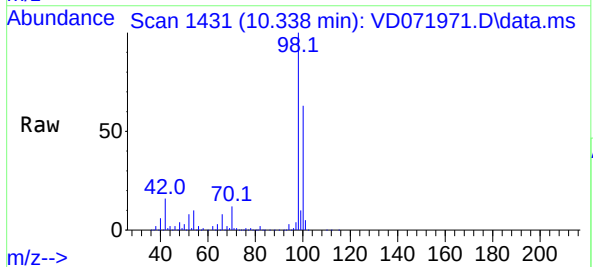


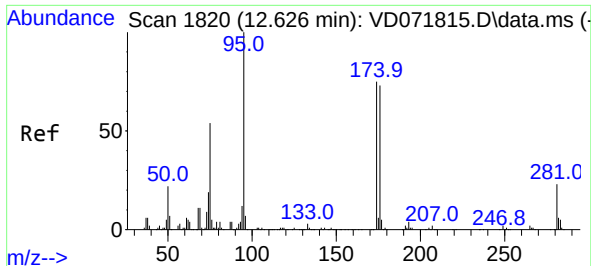
Tgt Ion:117 Resp: 32980
Ion Ratio Lower Upper
117 100
119 6.6 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 45.904 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD071971.D
Acq: 15 Feb 2022 11:02

Tgt Ion: 98 Resp: 597689
Ion Ratio Lower Upper
98 100
100 65.3 52.4 78.6

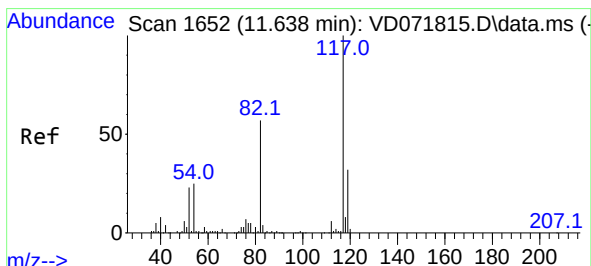
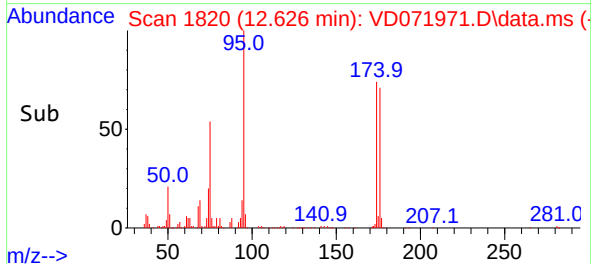
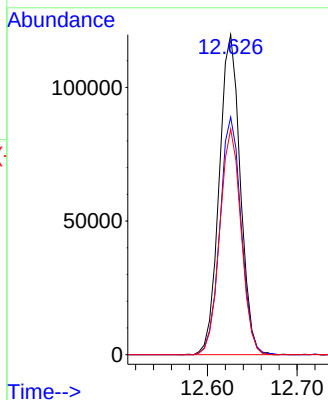
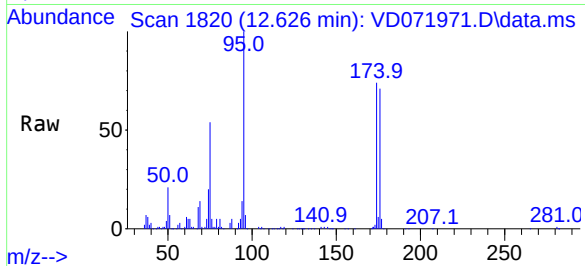




#62
4-Bromofluorobenzene
Concen: 42.838 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD071971.D
Acq: 15 Feb 2022 11:02

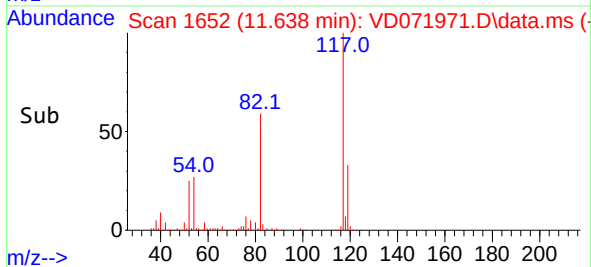
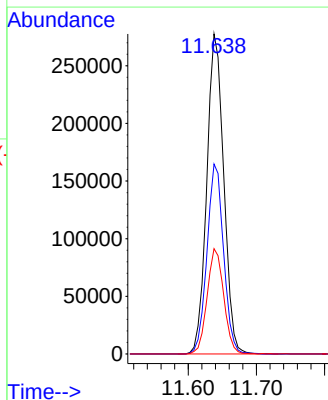
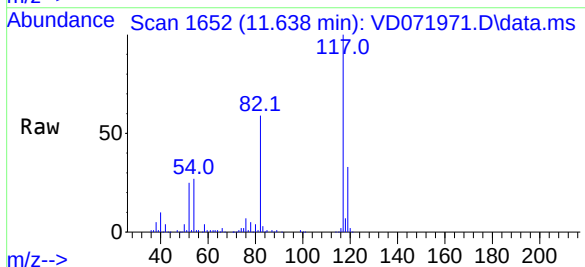
Instrument :
MSVOA_D
ClientSampleId :

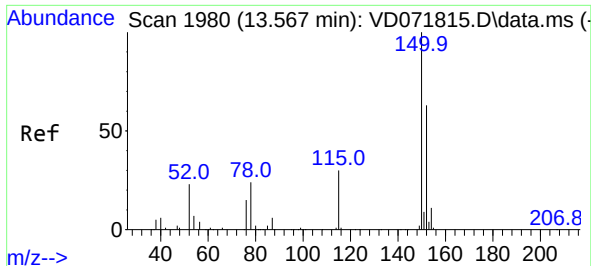
Tgt Ion: 95 Resp: 194780
Ion Ratio Lower Upper
95 100
174 75.3 0.0 152.8
176 71.1 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD071971.D
Acq: 15 Feb 2022 11:02

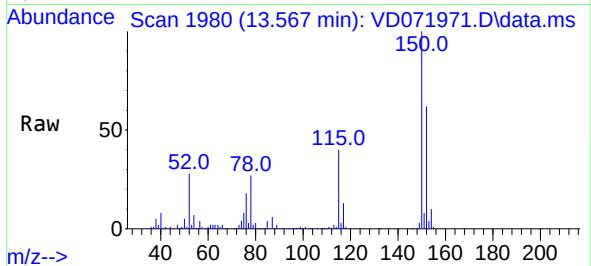
Tgt Ion: 117 Resp: 480869
Ion Ratio Lower Upper
117 100
82 59.3 45.3 67.9
119 32.9 26.6 40.0



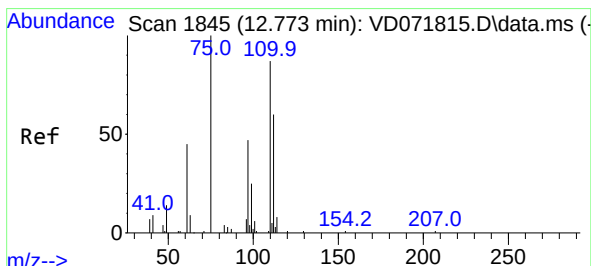
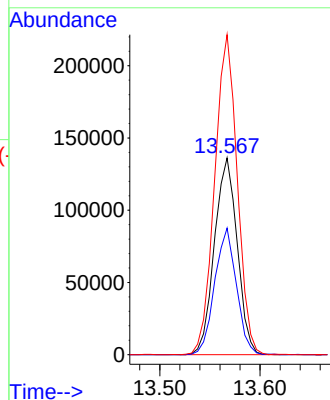
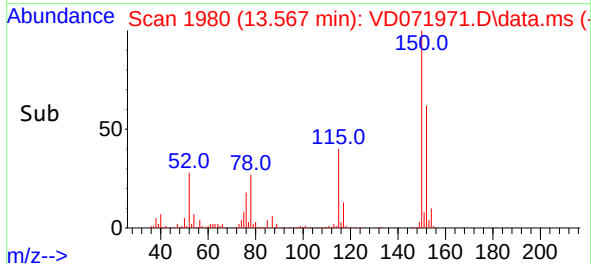


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071971.D
Acq: 15 Feb 2022 11:02

Instrument :
MSVOA_D
ClientSampleId :

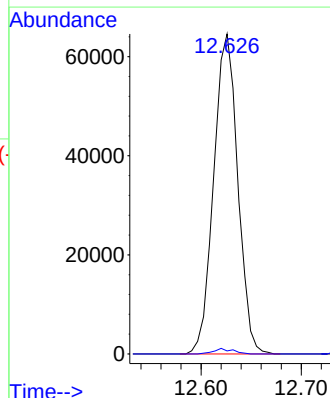
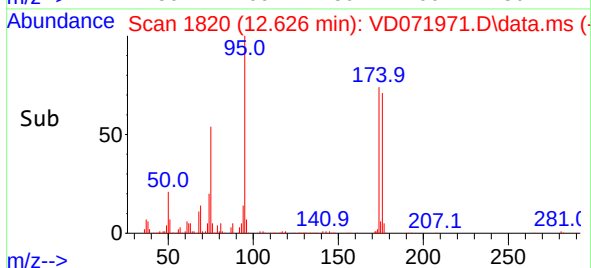
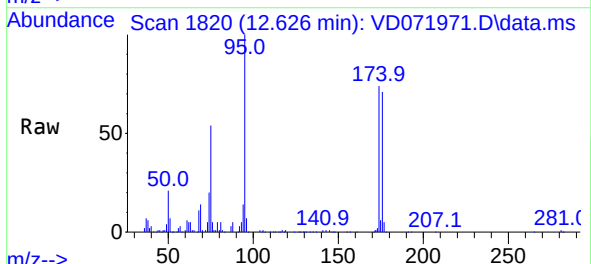


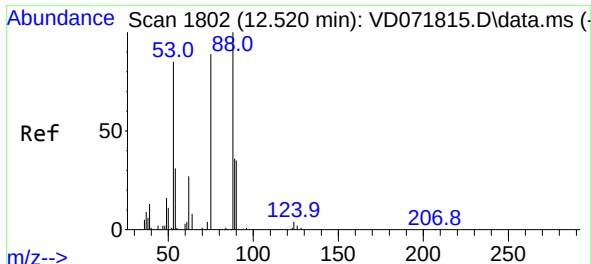
Tgt Ion:152 Resp: 214516
Ion Ratio Lower Upper
152 100
115 61.4 31.3 93.8
150 161.3 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 47.612 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071971.D
Acq: 15 Feb 2022 11:02

Tgt Ion: 75 Resp: 107637
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#

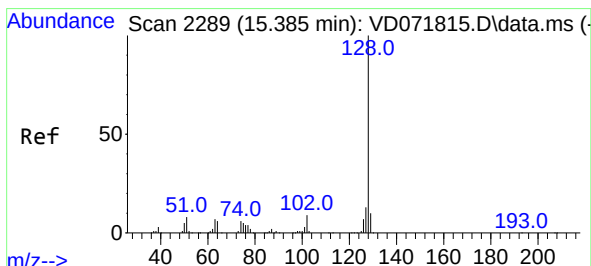
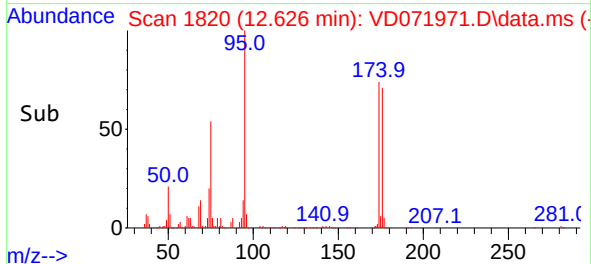
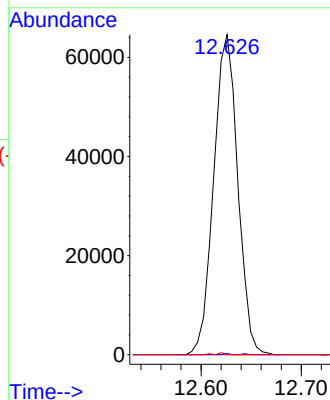
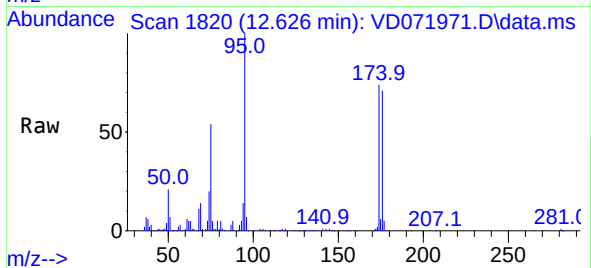




#81
trans-1,4-Dichloro-2-butene
Concen: 117.066 ug/l
RT: 12.626 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD071971.D
Acq: 15 Feb 2022 11:02

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 107637
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.2 33.9 50.9#



#95
Naphthalene
Concen: 1.789 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. 0.000 min
Lab File: VD071971.D
Acq: 15 Feb 2022 11:02

Tgt Ion:128 Resp: 2573
Ion Ratio Lower Upper
128 100
127 5.3 10.3 15.5#
129 15.3 8.4 12.6#

